

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 00504	08-12-04	S. JOSEPH
B	INCORPORATED ECN 00689 & 02018	05-20-08	P. BRAVO

NOTES:

PB1

1 MATERIAL: 6061-T6 ALUMINUM SEAMLESS TUBE, 1.75 OD X .06 WALL  
IAW AMS-WW-T-700/6 OR AMS-QQ-A-200/8 OR AMS QQ-A-225/8  
OR AMS 4080/4082/4083 OR ASTM B210/B241

2 FINISH: ANODIZE IAW MPP-172 SECTION 2.1  
PRIME USING ANY MIL-PRF-2377 / MIL-PRF-85582 PRIMER  
PAINT USING ANY MIL-PRF-85285 / MIL-PRF-83286 PAINT  
COLOR SHALL BE FED-STD-595 11136 (INSIGNIA RED/CARMINE RED)

3. DEBURR AND BREAK SHARP EDGES: .005 TO .010

4 TIG WELD IAW AWS D17.1 CLASS C USING 5356 FILLER ROD.

5 IDENTIFY IAW MPP-120.

6 INSTALL HAND TIGHT.

7 MATERIAL: 6061-T6 ALUMINUM SHEET IAW AMS-QQ-A-250/11  
OR AMS 4025/4027 OR ASTM B209

8 MATERIAL: 6061-T6 ALUMINUM BAR IAW AMS-QQ-A-225/8 (OR AMS 4115/4116/4117/4128)  
OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211/B221.

PROTOTYPE REVISIONS

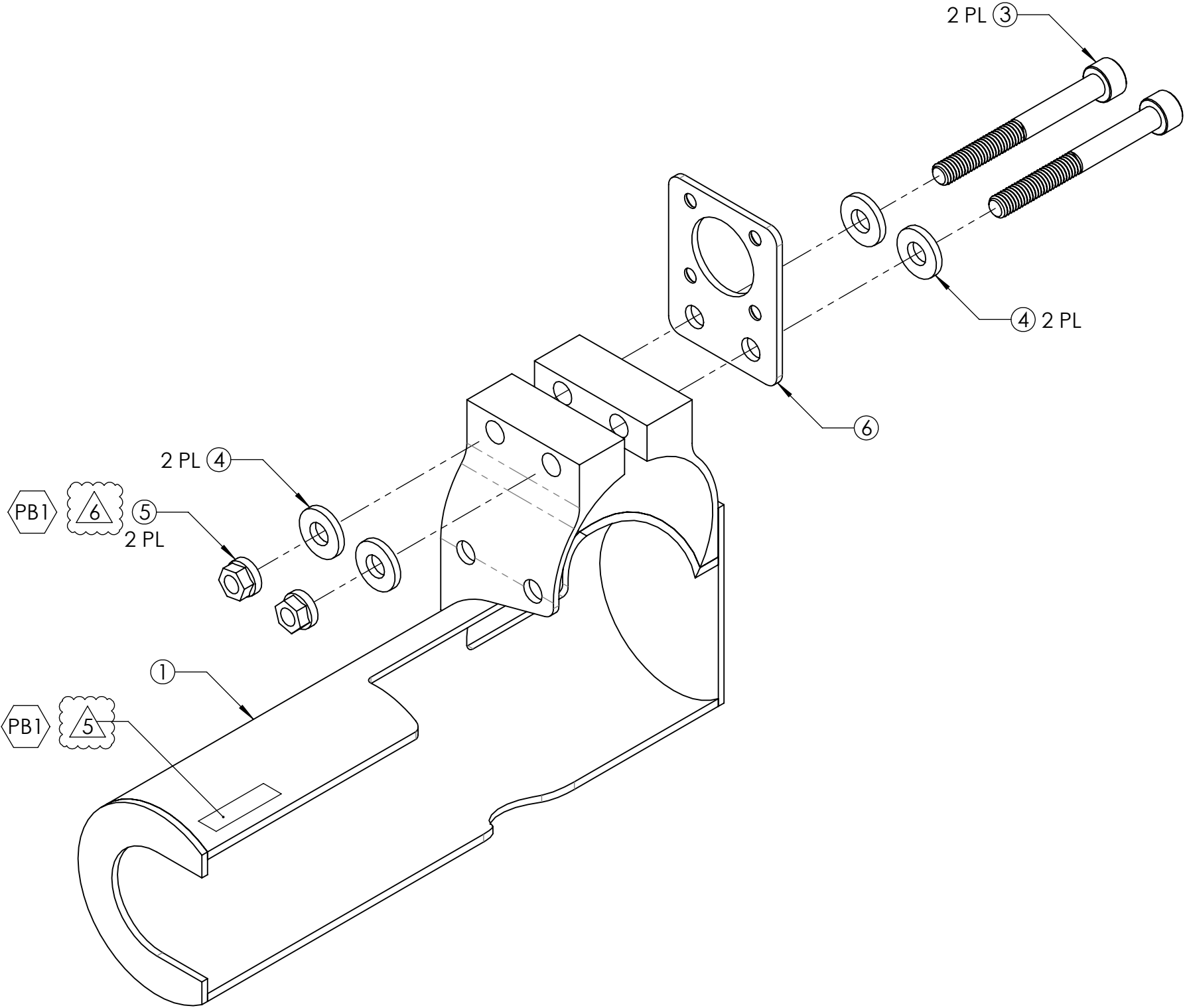
ZONE	REV	DESCRIPTION	DATE	APPROVED	CHANGE CODE	EFFECTIVITY	REVISED BY
ALL SHT 1 A4-1	PB1	REFORMATTED TO CURRENT STANDARD ADDED NEW SHEET 1 FOR PROTOTYPE REVISION TABLE NOTE 1: ADDED MATERIAL SPECS NOTE 2: PAINT WAS POWDERCOAT NOTE 3: ADDED "BREAK" AND TOLERANCE NOTE 4: REMOVED FILLET, ADDED IAW AWS D17.1 CLASS C USING 5356 FILLER ROD REMOVED NOTE 5, SHIFTED REMAINDER UP NOTE 6 UPDATED NOTE 7: ADDED MATERIAL SPECS FLAG NOTE 8 ADDED F/N 5 MS21043-3 WAS 601.0789, MAT'L WAS MS21043-3 F/N SHIFTED DOWN BY 1 F/N 5: REMOVED FLAG NOTE 7 F/N 4: NAS1149C0363R WAS 601.0774 F/N 4: MAT'L WAS NAS1149C0363R F/N 3: NAS1351C3-28 WAS 601.0939 F/N 9 AND 10: FLAG NOTE 8 WAS 7 ADDED 20547 604.4602 MOVED TO SHEET 2 AND ADDED EXPLODED VIEW ADDED 604.4602 ISO VIEW ADDED FLAG NOTE 6 FLAG NOTE 5 WAS 6 604.4603 MOVED TO SHEET 3, ADDED ORTHO VIEWS BUTT WELD SYMBOL WAS FILLET WELD SYMBOL BUTT WELD SYMBOL WAS FILLET WELD SYMBOL ADDED FILLET WELD SYMBOL 604.4610 MOVED TO SHEET 4 ADDED R.063 FILLET ADDED MISSING R.063 DIMENSION ADDED R.063 FILLET 604.4611, 604.4612, 604.4613 MOVED TO SHEET 5 REMOVED FILLETS FROM OUTSIDE EDGES REPLACED .718 DIMENSION WITH 1.344 ADDED COUNTESUNK HOLES TO Ø.130 HOLES REPLACED .515 DIMENSION WITH .985 DIMENSION WAS Ø.625 IS Ø.688 DIMENSION WAS Ø.940 IS FULL R DIMENSION WAS .880 IS 1.000 604.4614, 604.4615 MOVED TO SHEET 6 ADDED LH VIEW FOR 604.4615 R.125 ADDED (ECN 02103 / 02371) 15 DEG ANGLE ON PROFILE ADDED (ECN 02371)	04-22-21	J. GARDINER	MDI	NEXT ORDER	J. CLARKE
C6-1							
C8-1 D6-1 SHT 2 A7-2 C1-2							
SHT 3 A4-3 A5-3 C8-3 SHT 4 A4-4 D5-4							
SHT 5 A8-5 B1-5 B3-5 B5-5 B6-5 C5-5 C7-5 SHT 6							
C3-6 D3-6							

PB1			PB1			
1		10	604.4615	BRACKET (WITH MOUNTING HOLES)	8	
1		9	604.4614	BRACKET	8	
1		8	604.4613	SLOTTED TAB	7	
1		7	604.4612	END TAB	7	
	1	6	604.4611	CONNECTOR TAB	7	2
PB1		2	5	MS21043-3	NUT	
		4	4	NAS1149C0363R	WASHER	
		2	3	NAS1351C3-28	BOLT	
1		2	604.4610	SHROUD	1	
X	1	1	604.4603	CABLE SHROUD SUB ASSY		2 4
	X		604.4602	CABLE SHROUD ASSY		
.4603	.4602	F/N	P/N	DESCRIPTION	MAT'L	SPEC
QTY		PARTS LIST				
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		12-07-01		
604.1101		DRAWN BY		CHECKER		
		J. NGUYEN		D. PARROTT		
20547		DRAWING APPROVAL		D. PARROTT		
		12-08-01		CONTRACT No.		
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°				
PB1		<div><div><div></div><div>DART</div><div>AEROSPACE</div><div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div></div>				
		CABLE SHROUD ASSY				
		SIZE	CAGE CODE	DWG. NO.	REV.	
		B	07MZ6	604.4601	PB1	
		SCALE NONE			SHEET 1 OF 6	

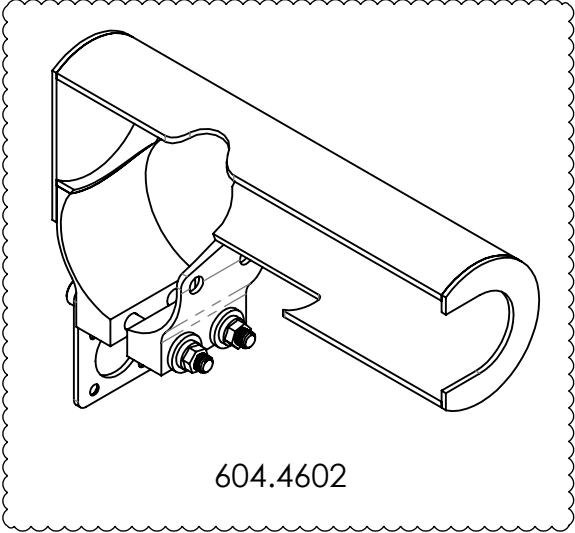
**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT., SUITE A  
VISTA, CA. 92081  
(760)-724-5300

CABLE SHROUD ASSY

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



PB1



604.4602

ORIGINAL DATE (MO-DA-YR) 12-07-01		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. NGUYEN	CHECKER D. PARROTT		
DRAWING APPROVAL D. PARROTT 12-08-01		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		CABLE SHROUD ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PB1
		CAGE CODE 07MZ6	DWG. NO. 604.4601
		SCALE NONE	SHEET 2 OF 6

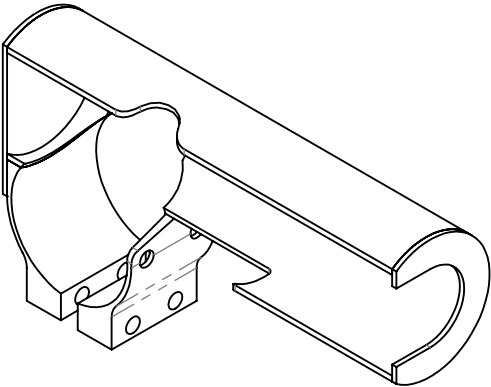
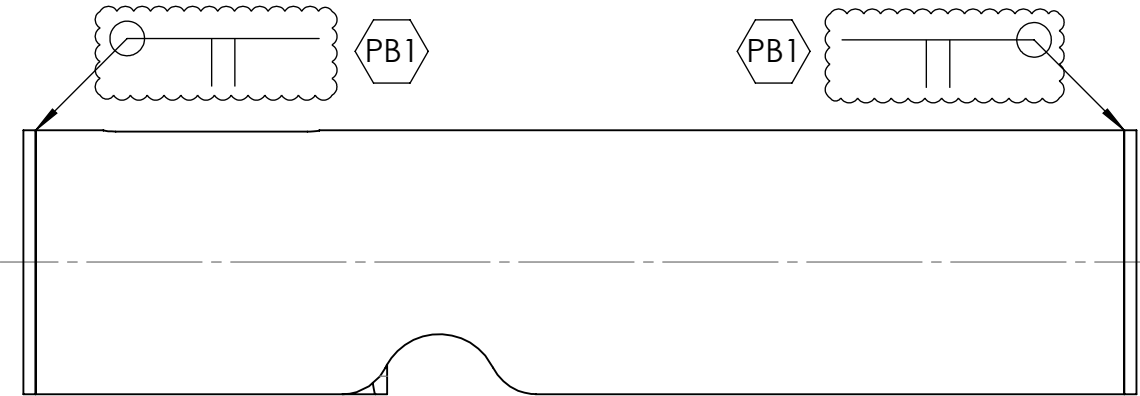
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

A

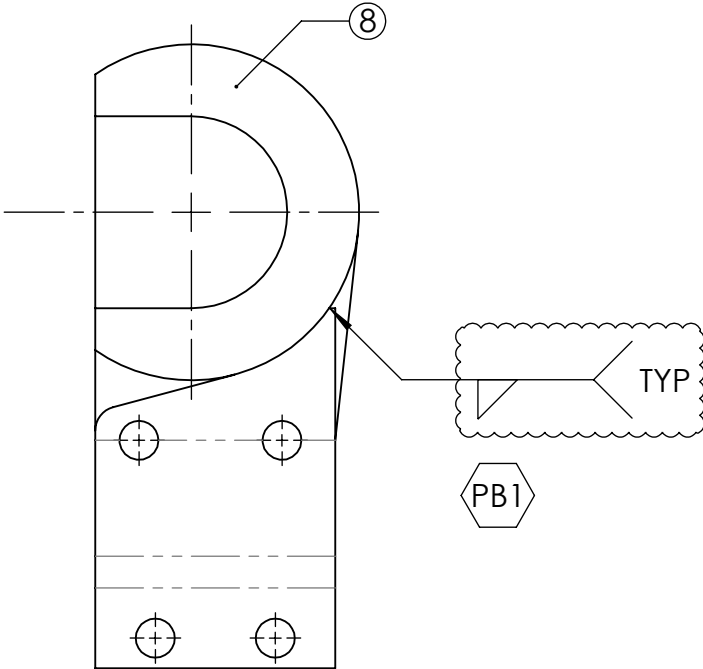
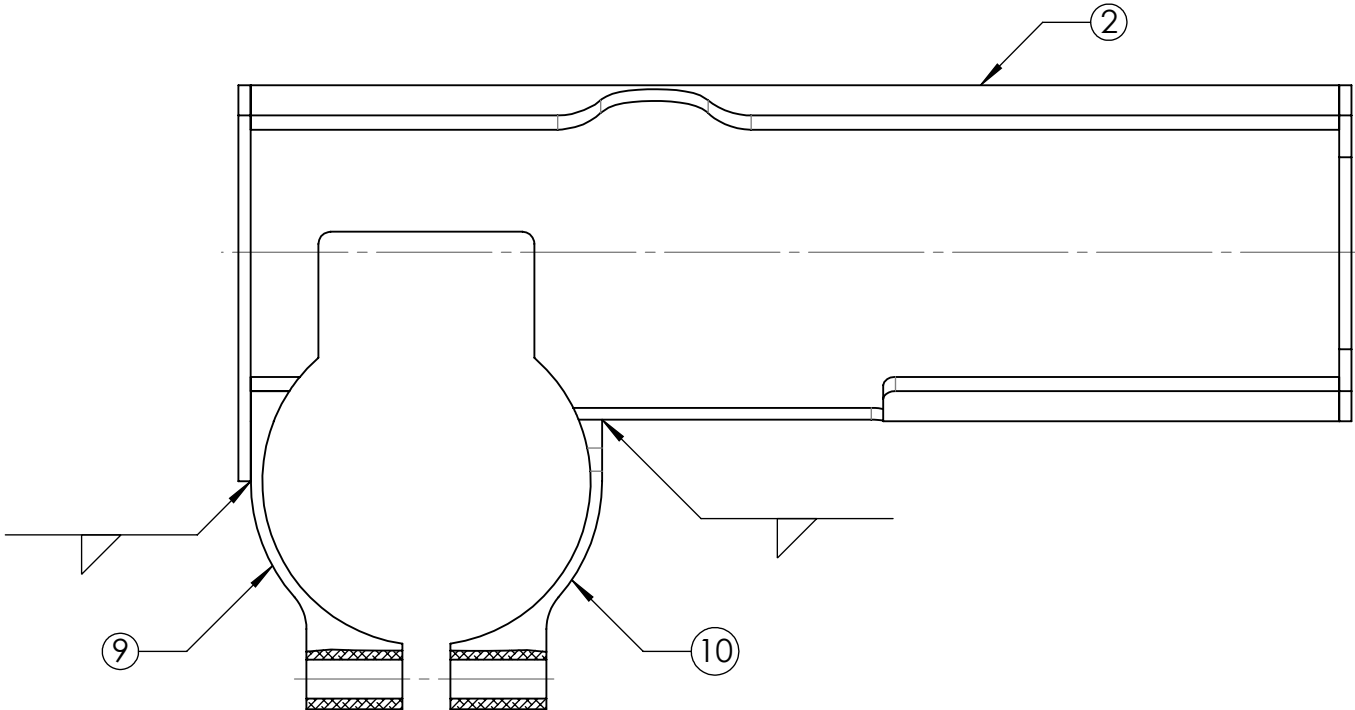
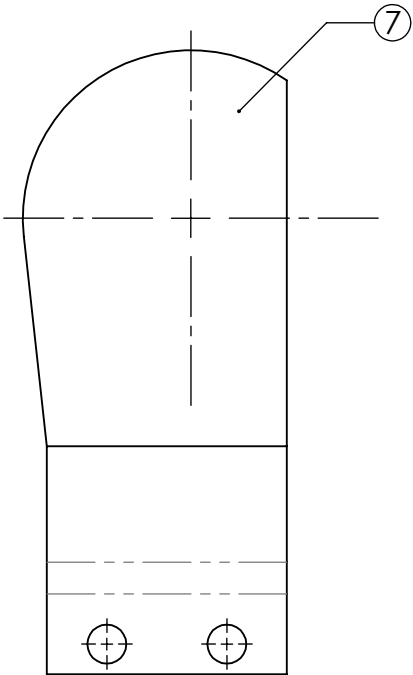
B

C

D



604.4603



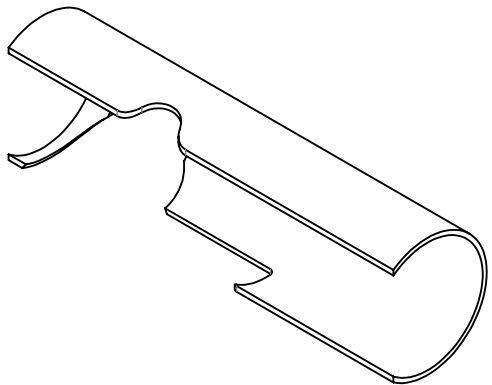
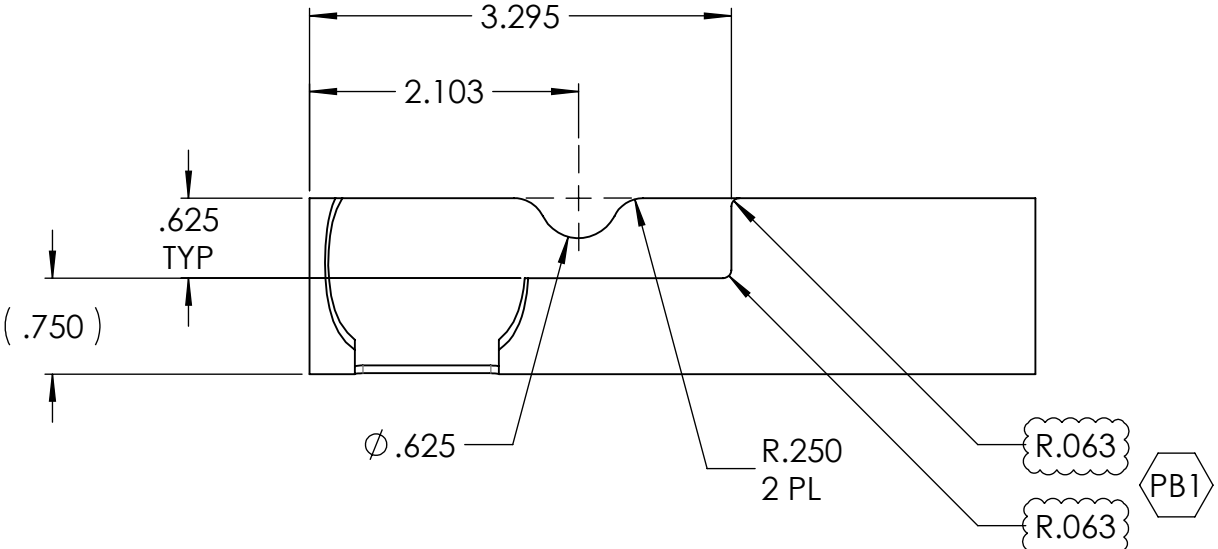
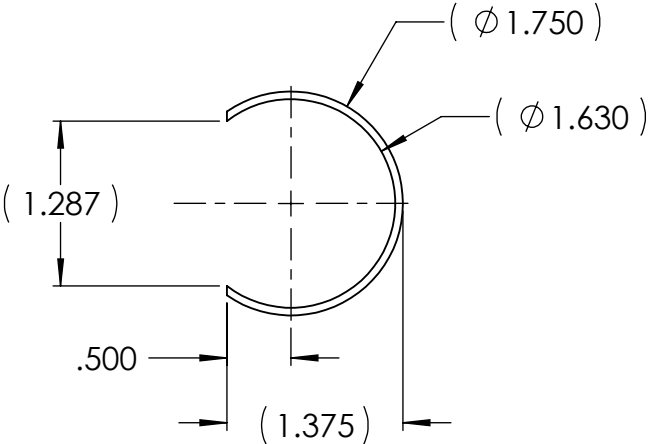
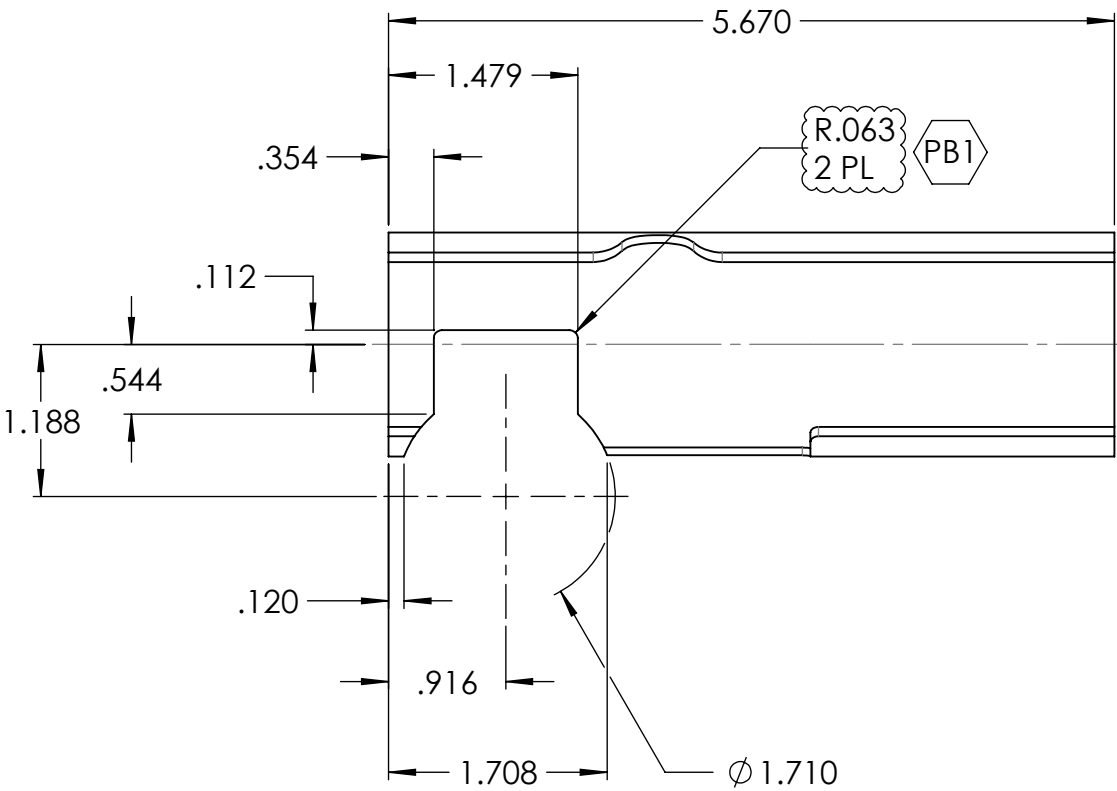
ORIGINAL DATE  
(MO-DA-YR) 12-07-01  
DRAWN BY J. NGUYEN  
CHECKER D. PARROTT  
DRAWING APPROVAL  
D. PARROTT  
12-08-01  
CONTRACT No.

**DART** AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ± .5°

**CABLE SHROUD ASSY**  
SIZE B CAGE CODE 07MZ6 DWG. NO. 604.4601 REV. PB1  
SCALE NONE SHEET 3 OF 6

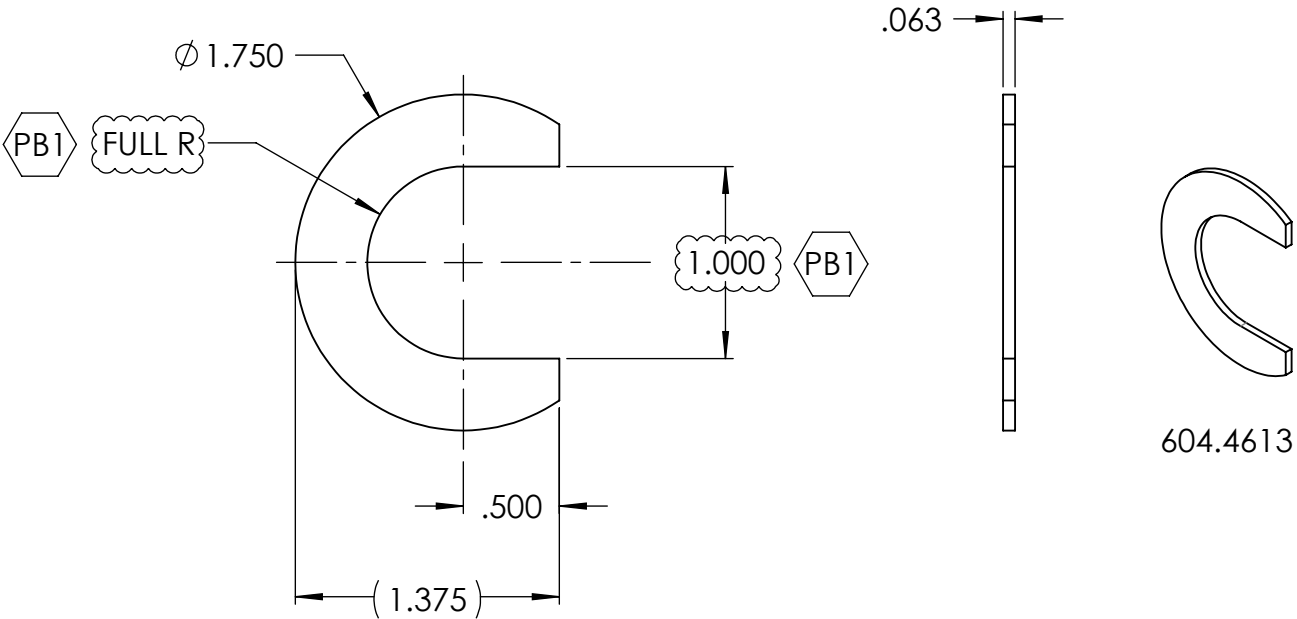
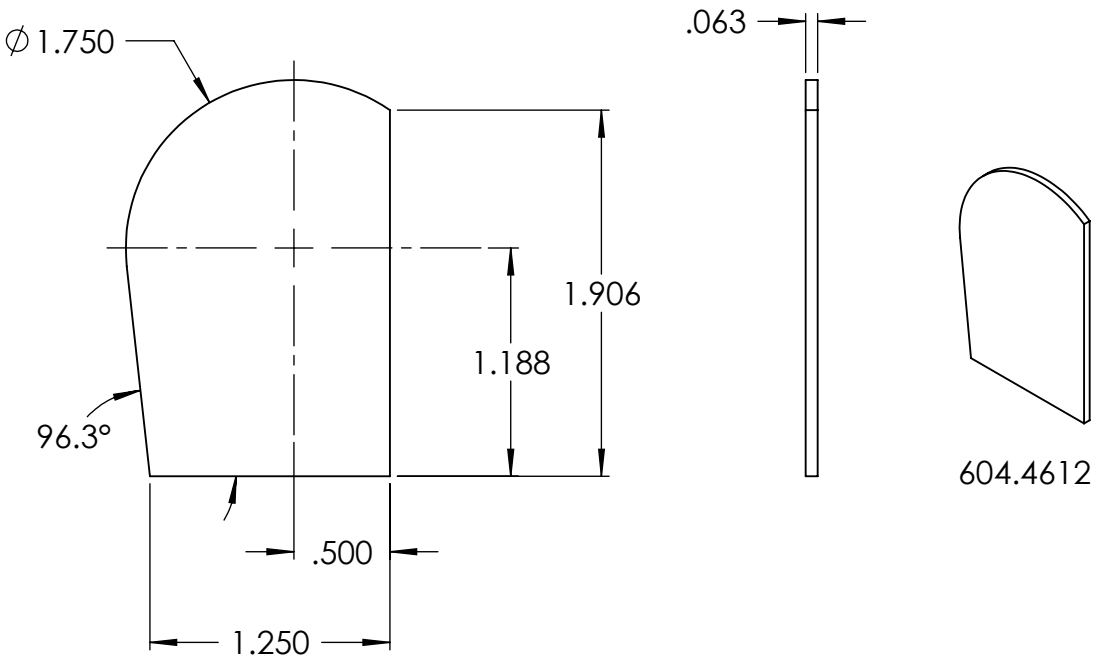
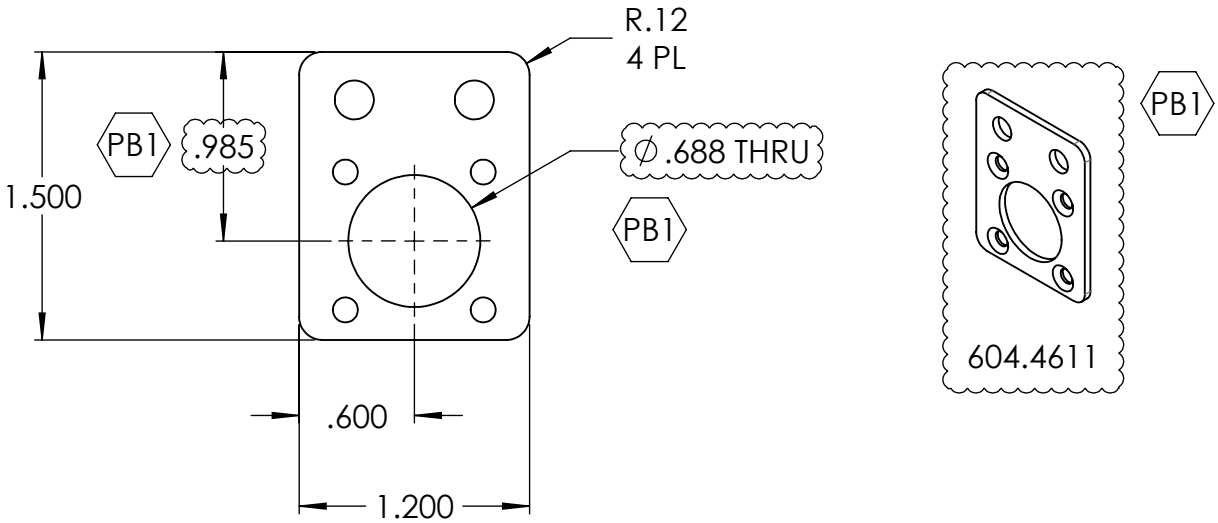
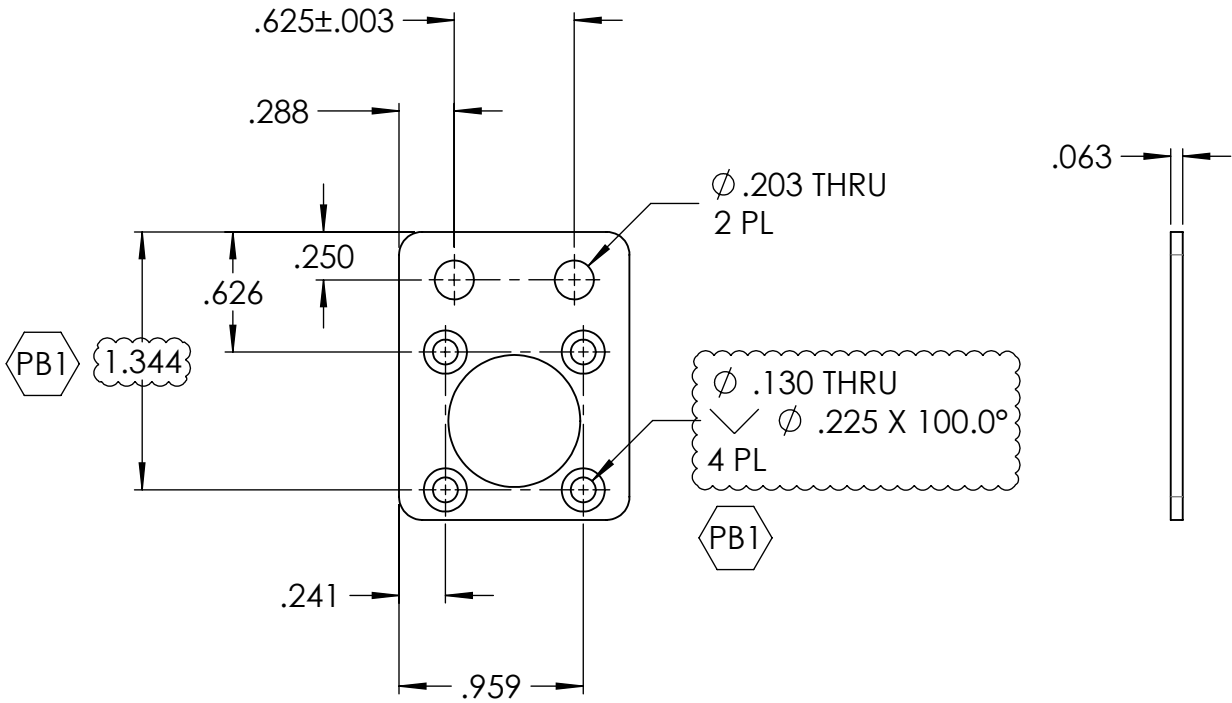
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



604.4610

ORIGINAL DATE (MO-DA-YR) 12-07-01		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. NGUYEN	CHECKER D. PARROTT		
DRAWING APPROVAL D. PARROTT 12-08-01		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		CABLE SHROUD ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. PB1
		CAGE CODE 07MZ6	DWG. NO. 604.4601
		SCALE NONE	SHEET 4 OF 6

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.



ORIGINAL DATE (MO-DA-YR) 12-07-01		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. NGUYEN	CHECKER D. PARROTT		
DRAWING APPROVAL D. PARROTT 12-08-01		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		CABLE SHROUD ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PB1
		CAGE CODE 07MZ6	DWG. NO. 604.4601
		SCALE NONE	SHEET 5 OF 6

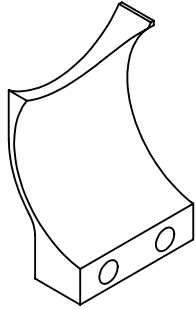
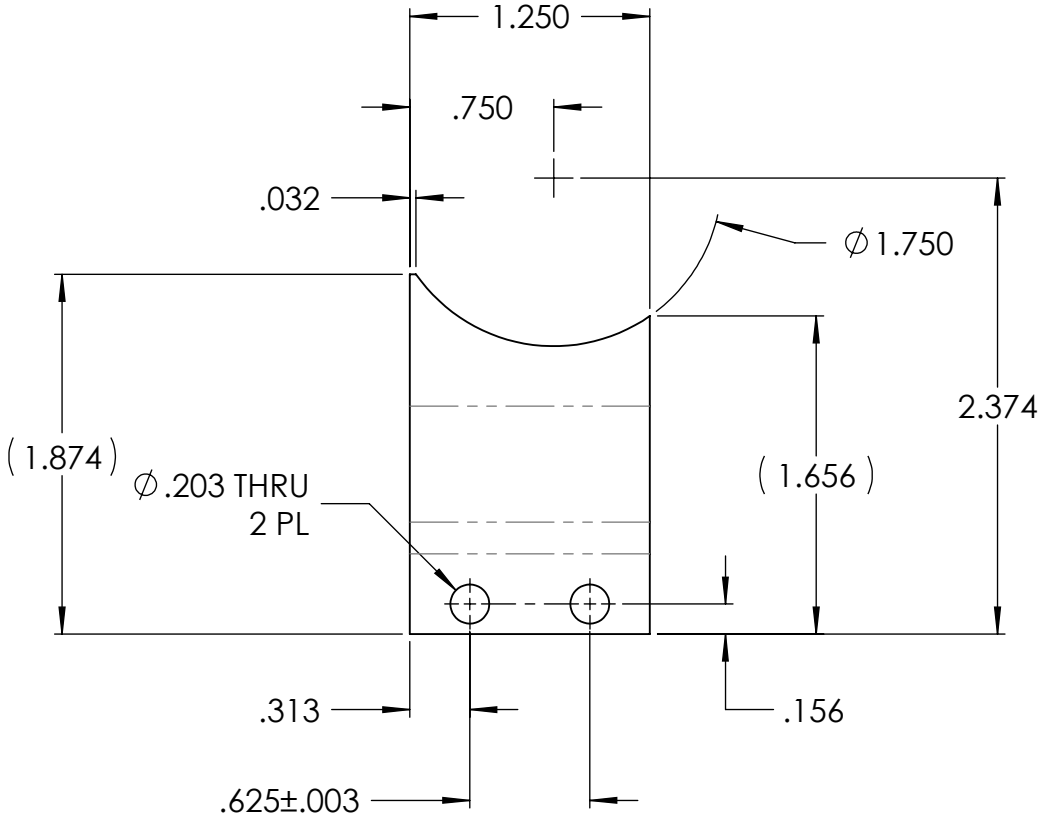
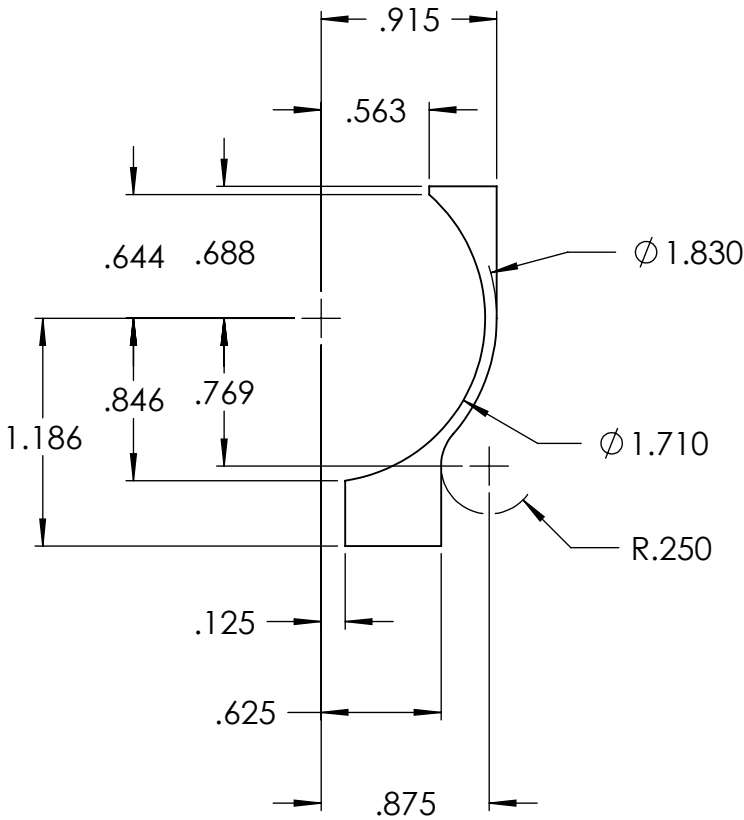
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

A

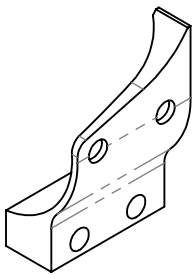
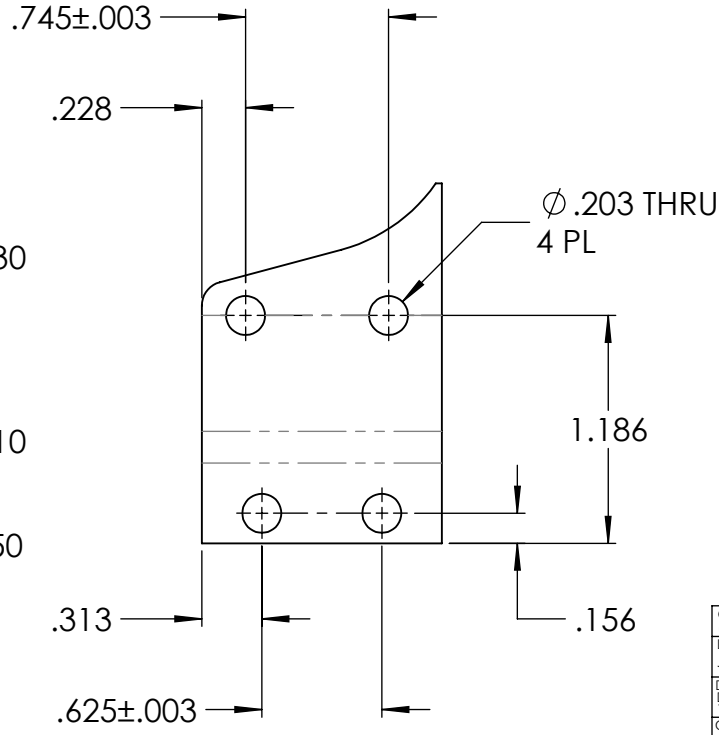
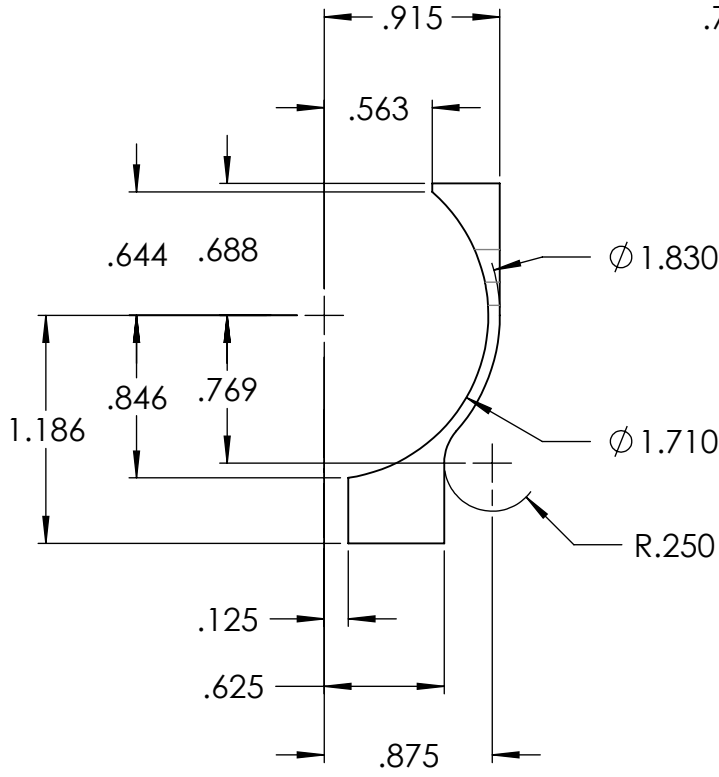
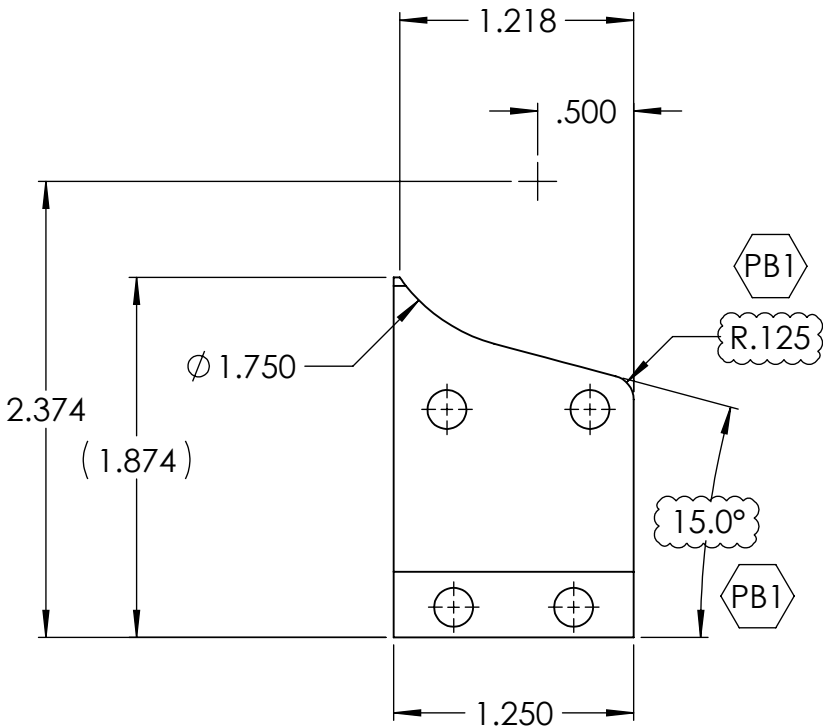
B

C

D



604.4614



604.4615

ORIGINAL DATE (MO-DA-YR) 12-07-01		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY J. NGUYEN	CHECKER D. PARROTT		
DRAWING APPROVAL D. PARROTT 12-08-01		CABLE SHROUD ASSY	
CONTRACT No.		SIZE B	REV. PB1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm$ .01 3 PLACE DECIMALS $\pm$ .005 ANGLES $\pm$ .5°		CAGE CODE 07MZ6	DWG. NO. 604.4601
		SCALE NONE	SHEET 6 OF 6